

**ADAPTIVE COMPLEXITY SCALABLE POST-PROCESSING  
METHOD**

**ABSTRACT OF THE DISCLOSURE**

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The invention provides a system and a method suitable for adaptive post-processing of media data in an electronic device. The system comprises one or more post-processing modules (102,104,106,108,110) that perform post-processing of the media data. 10 Each post-processing module comprises one or more processing modes having different complexities. The system also comprises an adaptive mode decision module (112) coupled to the post-processing modules (102,104,106,108,110). The adaptive mode decision module (112), in use, decides upon the suitable processing modes on the basis 15 of values of one or more input parameters. The input parameters are representative of the state of the electronic device. Once the decision has been made, the adaptive mode decision module (112) sends control signals to the post-processing modules (102,104,106,108,110) in order perform the post-processing of the media data according to the 20 selected processing modes.

FIG. 1 accompanies this abstract.